

DOCKET NO.: PU-0082/99-1598-1

1632
PATENT *JS*



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Joe Z. Tsien

Confirmation No.: 5571

Application No.: 10/009,228

Group Art Unit: 1632

Filing Date: March 12, 2002

Examiner: Not Yet Assigned

**For: COMPOSITION AND METHODS FOR IMPROVING LEARNING AND
MEMORY**

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☒ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, before the mailing date

of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- ☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

- ☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- ☒ Copies of reference numbers 44-51 listed on the attached Form PTO-1449 are enclosed herewith.

- ☐ Copies of reference numbers - on the attached Form PTO 1449 are not required to be submitted pursuant to 37 CFR § 1.98(a)(2)(i).

- ☐ Copies of references - are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number , filed for which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.

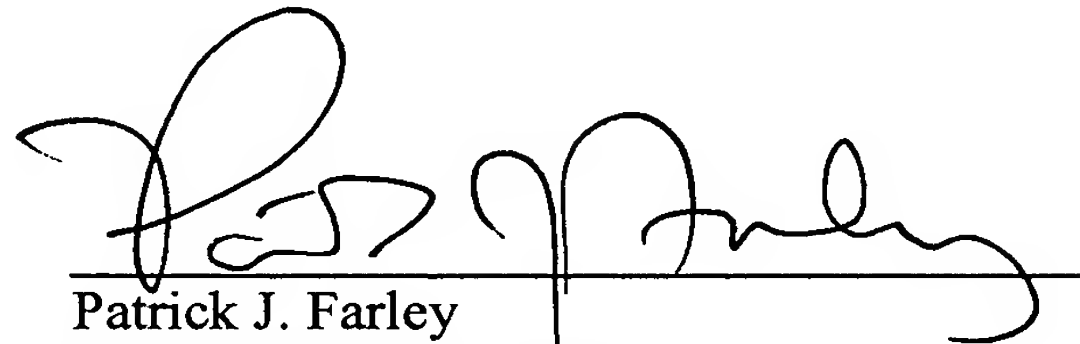
Enclosed are copies of the Supplemental Partial European Search Report dated July 5, 2002 and Communication pursuant to Article 96(2) EPC dated June 11, 2004 (number 44 on Form PTO-1449, which indicates the references considered to be relevant.

- ☐ The relevance of those listed references which are not in the English language is as follows:

There are no listed references which are not in the English language.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

Date: Sept. 23, 2004


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Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. PU-0082/99-1598-1	Application No. 10/009,228
		Applicant Joe Joe Z. Tsien	
		Filing Date March 12, 2002	Group 1632
		Confirmation No. 5571	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	44	Copies of the Supplementary Partial European Search Report dated June 21, 2002 (EP 00 93 0467) and Communication pursuant to Article 96(2) EPC dated June 11, 2004	
	45	Huang, E.P., et al., "The matter of mind: molecular control of memory," <i>Essays in Biochemistry</i> , 1998, 33, 165-178	
	46	Izquierdo, I., et al., "Role of NMDA receptors in memory," <i>TiPS</i> , 1991, 128-129	
	47	Levin, E.D., et al., "Nicotine-dizocilpine interactions and working and reference memory performance of rats in the radial-arm maze," <i>Pharm. Biochem. & Behav.</i> , 1998, 61(3), 335-340	
	48	Puma, C., et al., "Intraseptal infusions of a low dose of AP5, a NMDA receptor antagonist, improves memory in an object recognition task in rats," <i>Neuroscience Letts.</i> , 1998, 248, 183-186	
	49	Schwartz, B.L., et al., "d-cycloserine enhances implicit memory in Alzheimer patients," <i>Neurology</i> , 1996, 46, 420-424	
	50	Tang, Y.-P., et al., "Genetic enhancement of learning and memory in mice," <i>Nature</i> , 1999, 40, 63-69	
	51	Temple, M.D., et al., "Chronic, post-injury administration of D-cycloserine, an NMDA partial agonist, enhances cognitive performance following experimental brain injury," <i>Brain Res.</i> , 1996, 741, 246-251	
EXAMINER		DATE CONSIDERED	